

CLAIMS

What is claimed is:

1. A refrigerator, comprising: a body defined with a refrigerating compartment and a freezing compartment therein; a machinery chamber defined at an upper portion 5 of the body and adapted to receive components of a refrigerant cycle therein; first and second evaporators for cooling the refrigerating and freezing compartments, respectively; a first refrigerant pipe extending from the first evaporator; a second refrigerant pipe extending from the second evaporator; an assistant capillary pipe connected between the first and second refrigerant pipes for cooling the refrigerating 10 and freezing compartments to different temperatures; a capillary pipe container provided in the machinery chamber for receiving the assistant capillary pipe therein; and an inspection hole provided at one side of the capillary pipe container for allowing a detection device for detecting leakage of refrigerant to be inserted into the capillary pipe container.
- 15 2. The refrigerator according to claim 1, wherein the capillary pipe container comprises: a case provided with a containing portion opened at an upper side thereof such that the assistant capillary pipe may be received therein; and a cover adapted to close the containing portion and provided with the inspection hole.
- 20 3. The refrigerator according to claim 2, wherein the capillary pipe container is provided with a thermal insulation member filling a space between the cover and the case for thermally insulating the assistant capillary, and the thermal insulation member is provided with a guide hole elongated downward such that the refrigerant detection device after passing through the inspection hole accesses a lower side of the capillary pipe container.

4. The refrigerator according to claim 2, wherein the case comprises a first communication pipe for communicating the machinery chamber with the freezing compartment such that the first refrigerant pipe may be allowed to be provided through a wall defining a lower surface of the machinery chamber, and a second communication pipe for communicating the machinery chamber with the refrigerating compartment such that the second refrigerant pipe may be provided through the lower surface of the machinery chamber.
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